ASSOCIATION CONNECTING ASSOCIATION CONNECTING INDUSTRIES INDUSTRIES	burn, Illinois, A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declaration er	on of the substance acompasses all love	es within the manufactur wer level materials for w	rer listed ite hich the ma	em. Note: if anufacturer	the item is an as has engineering	sembly with lower responsibility.	
2-21.1 IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
Supplier Information												
ompany name* Company unique ID				Unique ID Authority			Response Date*					
emi									2023-06-08			
Contact Name	Title - Contact				Phone - Contact*			Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance				NA			Product-Env-Stewards@onsemi.com				
ithorized Representative* Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Compliance					NA				Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Ite	n Number	Mfr Item Name			Effective Date	Version	Manufacturing Site	V	/eight*	UOM	Unit Type	
LB193	930MC-AH H-BRIDGE MOTOI		OR DRIVER		2023-06-08	08		7	2.0	mg	Each	
Manufacturing Proccess Information												
Terminal Plating / Grid Array Material	Terminal Base Alloy J-		-STD-020 MSL	Rating	Peak Proce	ss Body Tempera	ture Max Time at Peak	Temperatu	re Numbe	er of Reflow Cyc	cles	
Matte Tin (Sn) - annealed CU Alloy 3				260	С	30	second	s 3				
Comments												
ATTENTION: MSL 3 Rated item requires Bake and	Dry Pack (after	electrical test)										
For more information regarding material compositio	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	S Definition: Quantity limit of 0.01% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl late (BBP), Dibutyl phthalate (DBP), Disobutyl phthalate (DIBP).								
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of					
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted					
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all					
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the					
Supplier Digital Signature Ra	stislav Drska	Le								

Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die 2.36	2.36	mg	Supplier	Silicon (Si)	7440-21-3		2.3513	mg
			Supplier	Polyimide	Proprietary Data		0.0087	mg
Die Attach 0.2	0.2	mg	Supplier	Silver (Ag)	7440-22-4		0.15	mg
			Supplier	Epoxy resins	129915-35-1		0.05	mg
Lead Frame 37.63	37.63	mg	Supplier	Silver (Ag)	7440-22-4		0.7902	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0753	mg
			Supplier	Iron (Fe)	7439-89-6		0.937	mg
			Supplier	Copper (Cu)	7440-50-8		35.8275	mg
Mold Compound-Black	29.73	mg		Epoxy Phenol Resin	proprietary data		3.1216	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		26.6083	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	mg